



July 7, 2003

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of May, 2003. There were no exceedances to report for this reporting period.

I apologize for the lateness of these reports. During the month of June and into the first part of July, the person responsible for collecting mine discharge flow data has not been available to collect this information. If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,

Carl Pollastro
Technical Services Manager

Encl

Cc: Division of Oil, Gas and Mining
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
Chuck Semborski, with enclosures
Dennis Oakley, "
Ken Fleck "

J:\Environmental\UPDES\COVER\2003\May03.doc

Huntington Office
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine
(801) 748-2319
Fax (801) 748-2380

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: Trail Mountain Mine

Sediment pond outfall into Cottonwood Ck.

UT0023728
 Permit Number

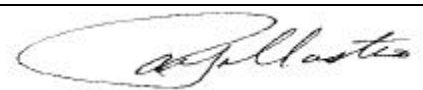
| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

001A
 Discharge Number

No Discharge
☒

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|-------------------|-----------------|---------------------------|------------------|-------------------|--------------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 0 Effluent Gross Value | Sample Measurement | | | | ***** | ***** | ***** | **** | | 1/30 | Measrd |
| | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | once/month | Estimated |
| pH 00400 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | | ***** | | | | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Solids, Total Suspended 00530 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | | | | | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | 25 30 day avg | 70 daily max | (19) mg/L | | once/month | Grab |
| Settleable Solids 00545 R 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Iron, Total (as Fe) 01045 10 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.4 Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease 03582 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | 0 | - |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 10 Daily max | (19) mg/L | | See Permit | Grab |
| Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value | Sample Measurement | ***** | | | ***** | ***** | | | | 1/30 | Grab |
| | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | 5000 Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value | Sample Measurement | ***** | | (94) | ***** | ***** | ***** | **** | | 4/30 | Visual |
| | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |

No Discharge

| | | | | | |
|--|---|---|--|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | Date: 07/23/2003 | | Telephone | |
| | |  | | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | | Area Code | Number |

Comments and explanation of any violations:
 During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: Trail Mountain Mine

Outfall into Cottonwood Ck.

UT0023728
 Permit Number

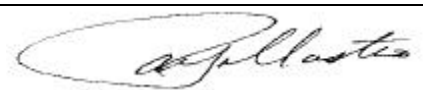
| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

002A
 Discharge Number

No Discharge
☒

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|------------------|----------------|---------------------------|------------------|-------------------|--------------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 0 Effluent Gross Value | Sample Measurement | | | | ***** | ***** | ***** | **** | | 2/30 | Measurd |
| | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | twice/month | Estimated |
| pH 00400 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | | ***** | | | | 2/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Solids, Total Suspended 00530 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | | | | | 2/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | 25 30 day avg | 70 daily max | (19) mg/L | | twice/month | Grab |
| Settleable Solids 00545 R 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | ** | ** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Iron, Total (as Fe) 01045 10 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | 2/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.4 Daily max | (19) mg/L | | twice/month | Grab |
| Oil and Grease 03582 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | ** | ** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 10 Daily max | (19) mg/L | | See Permit | Grab |
| Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | 2/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 1200 Daily max | (19) mg/L | | twice/month | Grab |
| Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value | Sample Measurement | ***** | | (94) | ***** | ***** | ***** | **** | | 4/30 | Visual |
| | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |

No Discharge

| | | | | | |
|--|---|---|--|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | Date: 07/07/2003 | | Telephone | |
| | |  | | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | | Area Code | Number |

Comments and explanation of any violations:
 Sample for oil and grease is only required when sheen is observed

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company

Deer Creek Mine Discharge

Address: P.O. Box 310

Huntington, Utah 84528

Facility: Deer Creek Mine

UT0023604
Permit Number

05/01/2003

05/31/2003

Monitoring Period

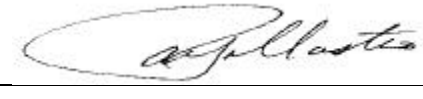
002

Discharge Number

No Discharge

☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|------------------|----------------|---------------------------|-------------------|----------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 0 Effluent Gross Value | Sample Measurement | 0.98 | 1.1 | | ***** | ***** | ***** | **** | 0 | 1/30 | Measured |
| | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | once/month | Estimated |
| pH 00400 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | 6.62 | ***** | 6.62 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Solids, Total Suspended 00530 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | 5 | 5 | 5 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 25 30 day avg | 35 max 7 day avg | 70 daily max | (19) mg/L | | once/month | Grab |
| Settleable Solids 00545 R 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | N/A | | *** | ***** | ***** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Iron, Total (as Fe) 01045 10 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | | 0.94 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | Report 30 day avg | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease Freon Extr-Grav Method 00556 0 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | N/A | | *** | ** | ** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 10 Daily max | (19) mg/L | | See Permit | Grab |
| Solids, Total Dissolved 180 °C 70300 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | N/A | 449 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | 800 Qtr avg | 1000 Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value | Sample Measurement | ***** | 0 | (94) | ***** | ***** | ***** | **** | 0 | 4/30 | Visual |
| | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |

| | | | | |
|--|---|---|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | Date: 07/07/2003 | Telephone | |
| | |  | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:

Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: **Deer Creek Mine**

Deer Creek Mine Sediment Pond Discharge

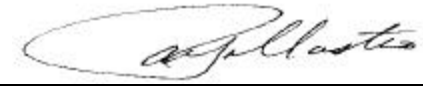
UT0023604
 Permit Number

| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

001
 Discharge Number

No Discharge
☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|------------------|--------------|---------------------------|-------------------|----------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 0 Effluent Gross Value | Sample Measurement | 0.028 | 0.028 | | ***** | ***** | ***** | **** | 0 | 1/30 | Measured |
| | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | once/month | Estimated |
| pH 00400 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | 6.54 | ***** | 6.54 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Solids, Total Suspended 00530 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | 7 | 7 | 7 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 25 30 day avg | 35 max 7 day avg | 70 daily max | (19) mg/L | | once/month | Grab |
| Settleable Solids 00545 R 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | N/A | | *** | ** | ** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Iron, Total (as Fe) 01045 10 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | 0.09 | 0.09 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | Report 30 day avg | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease Freon Extr-Grav Method 00556 0 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | N/A | | *** | ** | ** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 10 Daily max | (19) mg/L | | See Permit | Grab |
| Solids, Total Dissolved 180 °C 70300 1 0 0 Effluent Gross Value | Sample Measurement | ***** | 308.5 | | ***** | 1310 | 1310 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | Report 30 day avg | 5000 Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value | Sample Measurement | ***** | 0 | (94) | ***** | ***** | ***** | **** | 0 | 4/30 | Visual |
| | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |

| | | | | |
|---|---|---|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | Date: 07/07/2003 | Telephone | |
| | |  | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:
 Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: **Cottonwood/Wilberg Mine**

Minor

Mine discharge into Cottonwood Canyon Creek


UT0022896
 Permit Number

| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

001A
 Discharge Number

No Discharge
☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|------------------|----------------|---------------------------|--------------|---------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 0 Effluent Gross Value | Sample Measurement | 0.031 | 0.031 | | ***** | ***** | ***** | **** | 0 | 1/30 | Measured |
| | Permit Requirement | Report 30 day avg | Report Daily max | (03) mgd | ***** | ***** | ***** | **** | | once/month | Measured |
| pH 00400 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | 6.9 | ***** | 6.9 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Solids, Total Suspended 00530 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | <5 | <5 | <5 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | 25 30 day avg | 35 7 day max | 70 daily max | (19) mg/L | | once/month | Grab |
| Iron, Total (as Fe) 01045 10 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | 0.01 | | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 1.8 Daily max | (19) mg/L | | once/month | Grab |
| Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value | Sample Measurement | ***** | 195.3 | | ***** | ***** | ***** | **** | 0 | 1/30 | Grab |
| | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | ***** | **** | | once/month | Grab |
| Oil and Grease 03582 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | N/A | | *** | ** | ** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 10 Daily max | (19) mg/L | | See Permit | Grab |
| Oil and Grease, Visual 84066 0 0 0 Effluent Gross Value | Sample Measurement | ***** | 0 | (94) | ***** | ***** | ***** | **** | 0 | 4/30 | Visual |
| | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |

| | | | | |
|--|---|---|-----------|----------|
| Name/Title Principal Executive Officer | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | Date: 07/07/2003 | Telephone | |
| Dee Jense - President InterWest Mining Company | |  | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:
 If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: Cottonwood/Wilberg Mine

Minor

Sediment pond outfall into Grimes Wash

UT0022896
Permit Number

| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |


003A
Discharge Number

No Discharge



| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|-------------------------|--------------------|---------------------|------------------|--------------|---------------------------|-------------------|---------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate | Sample Measurement | | | | ***** | ***** | ***** | **** | | 1/30 | Measured |
| 00056 1 0 0 | Permit Requirement | Report 30 day avg | Report Daily max | (03) mgd | ***** | ***** | ***** | **** | | once/month | Measured |
| pH | Sample Measurement | ***** | ***** | **** | | ***** | | | | 1/30 | Grab |
| 00400 1 0 0 | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Effluent Gross Value | Sample Measurement | ***** | ***** | **** | | | | | | 1/30 | Grab |
| 00530 1 0 0 | Permit Requirement | ***** | ***** | **** | 25 30 day avg | 35 7 day max | 70 | (19) mg/L | | once/month | Grab |
| Settleable Solids | Sample Measurement | ***** | ***** | **** | ***** | ***** | ***** | ***** | | 1/30 | Grab |
| 00545 R 0 0 | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | | | | | 1/30 | Grab |
| Iron, Total (as Fe) | Permit Requirement | ***** | ***** | **** | ***** | Report 30 day avg | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| 01045 10 0 | Sample Measurement | ***** | | | ***** | ***** | ***** | **** | | 1/30 | Grab |
| Effluent Gross Value | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | ***** | **** | | once/month | Grab |
| Solids, Total Dissolved | Sample Measurement | ***** | | (94) | ***** | ***** | ***** | **** | | 4/30 | Visual |
| 70295 1 0 0 | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |
| Effluent Gross Value | Sample Measurement | ***** | | | ***** | ***** | ***** | **** | | 4/30 | Visual |
| Oil and Grease, Visual | Permit Requirement | ***** | | | ***** | ***** | ***** | **** | | 4/30 | Visual |
| 84066 1 0 0 | Sample Measurement | ***** | | | ***** | ***** | ***** | **** | | 4/30 | Visual |
| Effluent Gross Value | Permit Requirement | ***** | | | ***** | ***** | ***** | **** | | 4/30 | Visual |

No Discharge

| | | | | |
|--|--|---|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | Telephone | |
| | |  | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:

If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: Cottonwood/Wilberg Mine

Minor

Sediment pond outfall into Cottonwood Ck.

UT0022896
Permit Number

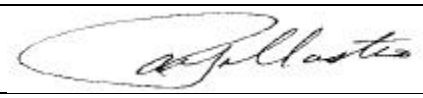
| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

004A
Discharge Number

No Discharge
☒

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|-------------------------|--------------------|---------------------|------------------|--------------|---------------------------|-------------------|---------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate | Sample Measurement | | | | ***** | ***** | ***** | **** | | | |
| 00056 1 0 0 | Permit Requirement | Report 30 day avg | Report Daily max | (03) mgd | ***** | ***** | ***** | **** | | once/month | Measured |
| Effluent Gross Value | | | | | | | | | | | |
| pH | Sample Measurement | ***** | ***** | **** | | ***** | | | | | |
| 00400 1 0 0 | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Solids, Total Suspended | Sample Measurement | ***** | ***** | **** | | | | | | | |
| 00530 1 0 0 | Permit Requirement | ***** | ***** | **** | 25 30 day avg | 35 30 day avg | | (19) mg/L | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Iron, Total (as Fe) | Sample Measurement | ***** | ***** | **** | | | | | | | |
| 01045 10 0 | Permit Requirement | ***** | ***** | **** | ***** | Report 30 day avg | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Solids, Total Dissolved | Sample Measurement | ***** | | | ***** | ***** | ***** | **** | | 1/30 | Grab |
| 70295 1 0 0 | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | ***** | **** | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Oil and Grease, Visual | Sample Measurement | ***** | | (94) | ***** | ***** | ***** | **** | | 4/30 | Visual |
| 84066 1 0 0 | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |
| Effluent Gross Value | | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | | | | | | | | | | | |

No Discharge

| | | | | | |
|--|--|---|--|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | | Telephone | |
| | |  | | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | | Area Code | Number |

Comments and explanation of any violations:
 If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: Cottonwood/Wilberg Mine

Minor

Sediment pond outfall from waste rock site

UT0022896
Permit Number

| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |


005A
Discharge Number

No Discharge



| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|-------------------------|--------------------|---------------------|------------------|----------------|---------------------------|-------------------|---------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate | Sample Measurement | | | | ***** | ***** | ***** | **** | | | |
| 00056 1 0 0 | Permit Requirement | Report 30 day avg | Report Daily max | (03) mgd | ***** | ***** | ***** | **** | | once/month | Measured |
| pH | Sample Measurement | ***** | ***** | **** | | ***** | | | | | |
| 00400 1 0 0 | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | once/month | Grab |
| Solids, Total Suspended | Sample Measurement | ***** | ***** | **** | ***** | | | | | | |
| 00530 1 0 0 | Permit Requirement | ***** | ***** | **** | ***** | | 7 day max | (19) mg/L | | once/month | Grab |
| Settleable Solids | Sample Measurement | ***** | ***** | **** | ***** | | NR | | | | |
| 00545 R 0 0 | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 max Daily | (25) mL/L | | once/month | Grab |
| Iron, Total (as Fe) | Sample Measurement | ***** | ***** | **** | ***** | | | | | | |
| 01045 10 0 | Permit Requirement | ***** | ***** | **** | ***** | Report 30 day avg | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Solids, Total Dissolved | Sample Measurement | ***** | | | ***** | ***** | ***** | **** | | 1/30 | Grab |
| 70295 1 0 0 | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | ***** | **** | | once/month | Grab |
| Oil and Grease, Visual | Sample Measurement | ***** | | (94) | ***** | ***** | ***** | **** | | | |
| 84066 1 0 0 | Permit Requirement | ***** | 0 inst max | yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |

No Discharge

| | | | | |
|--|--|---|-----------|----------|
| Name/Tital Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | Telephone | |
| | |  | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:
 If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: Cottonwood/Wilberg Mine

UT0022896
 Permit Number

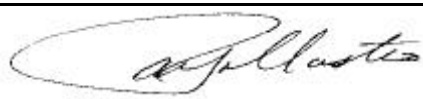
| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

Minor
 F - Final, Combination 002, 003, & 005
 SUM A
 Discharge Number

No Discharge
☒

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|----------------|--------------|---------------------------|---------|---------|-------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Solids, Total Dissolved 70295 100 Effluent Gross Value | Sample Measurement | | | | ***** | ***** | ***** | | | | |
| | Permit Requirement | Report 30 day avg | 2000 Daily max | (26) lbs/day | ***** | ***** | ***** | **** | | once/month | Grab |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |

No Discharge
From 003, & 005

| | | | |
|--|--|---|------------------|
| Name/Title Principal Executive Officer | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | Telephone |
| Dee Jense - President InterWest Mining Company | |  | 435 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Agent | Area Code Number |

Comments and explanation of any violations:
 Total discharge of TDS from outfalls 002, 003, and 005 shall not exceed 2,000 lbs/day during draw down.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: **Des Bee Dove Mine**


UTG040022
 Permit Number

| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

001A
 Discharge Number

No Discharge
☐

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|------------------|------------------|---------------------------|---------------|------------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate 00056 1 0 0 Effluent Gross Value | Sample Measurement | <0.01 | 0.01 | | ***** | ***** | ***** | **** | 0 | | |
| | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | once/month | Estimated |
| pH 00400 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | 6.21 | ***** | 6.21 | | 0 | | |
| | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | | |
| Solids, Total Suspended 00530 1 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | 6 | 6 | | *** | ***** | ***** |
| | Permit Requirement | ***** | ***** | **** | ***** | 25 30 day avg | 70 daily max | (19) mg/L | | once/month | Grab |
| Settleable Solids 00545 R 0 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | N/A | | *** | | |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Iron, Total (as Fe) 01045 10 0 Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | 0.16 | | *** | ***** | ***** |
| | Permit Requirement | ***** | ***** | **** | ***** | ***** | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Solids, Total Dissolved 70295 1 0 0 Effluent Gross Value | Sample Measurement | ***** | 470 | **** | ***** | ***** | 3910 | | 0 | | |
| | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | Report Daily max | (19) mg/L | | once/month | Grab |
| Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value | Sample Measurement | ***** | 0 | **** | ***** | ***** | ***** | **** | 0 | | |
| | Permit Requirement | ***** | 0 inst max | (94) yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |

| | | | |
|--|--|---|------------------|
| Name/Title Principal Executive Officer | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | Telephone |
| Dee Jense - President InterWest Mining Company | |  | 435 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Agent | Area Code Number |

Comments and explanation of any violations:
 Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: **Hunter Coal Preparation Plant**

UTG040009
 Permit Number


| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

001A
 Discharge Number

No Discharge
☒

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|-------------------------|--------------------|---------------------|------------------|------------------|---------------------------|---------------|------------------|-----------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate | Sample Measurement | | | | ***** | ***** | ***** | **** | | | |
| 00056 1 0 0 | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | once/month | Estimated |
| pH | Sample Measurement | ***** | ***** | **** | | ***** | | | | | |
| 00400 1 0 0 | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | | |
| Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | | | | ***** | ***** | ***** |
| Solids, Total Suspended | Permit Requirement | ***** | ***** | **** | ***** | 25 30 day avg | 70 daily max | (19) mg/L | | once/month | Grab |
| 00530 1 0 0 | Sample Measurement | ***** | ***** | **** | ***** | ***** | ***** | | ***** | | |
| Settleable Solids | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| 00545 R 0 0 | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | ***** | ***** | ***** |
| Effluent Gross Value | Permit Requirement | ***** | ***** | **** | ***** | ***** | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Iron, Total (as Fe) | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | ***** | ***** | ***** |
| 01045 10 0 | Permit Requirement | ***** | ***** | **** | ***** | ***** | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Effluent Gross Value | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | | |
| Solids, Total Dissolved | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | Report Daily max | (19) mg/L | | once/month | Grab |
| 70295 1 0 0 | Sample Measurement | ***** | | **** | ***** | ***** | ***** | **** | | | |
| Oil and Grease, Visual | Permit Requirement | ***** | 0 inst max | (94) yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |
| 84066 1 0 0 | Sample Measurement | ***** | | **** | ***** | ***** | ***** | **** | | | |
| Effluent Gross Value | Permit Requirement | ***** | 0 inst max | (94) yes =1 no=0 | ***** | ***** | ***** | **** | | | |

No Discharge

| | | | | |
|--|--|---|-----------|----------|
| Name/Title Principal Executive Officer | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | Telephone | |
| Dee Jense - President InterWest Mining Company | |  | 435 | 687-9821 |
| Typed or Printed | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.

Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company
 Address: P.O. Box 310
 Huntington, Utah 84528
 Facility: **Hunter Coal Preparation Plant**

UTG040009
 Permit Number


| | |
|-------------------|------------|
| 05/01/2003 | 05/31/2003 |
| Monitoring Period | |

002A
 Discharge Number

No Discharge
☒

| Parameter | | Quantity or Loading | | | Quantity or Concentration | | | | No. Ex. | Frequency of Analysis | Sample Type |
|-------------------------|--------------------|---------------------|-------------------|------------------------|---------------------------|-----------------|---------------------|--------------|---------|-----------------------|-------------|
| | | Average | Maximum | Units | Minimum | Average | Maximum | Units | | | |
| Flow Rate | Sample Measurement | | | | ***** | ***** | ***** | **** | | | |
| 00056 1 0 0 | Permit Requirement | Report 30 day avg | Report Daily max | mgd | ***** | ***** | ***** | **** | | once/month | Estimated |
| Effluent Gross Value | | | | | | | | | | | |
| pH | Sample Measurement | ***** | ***** | **** | | ***** | | | | | |
| 00400 1 0 0 | Permit Requirement | ***** | ***** | **** | 6.5 Inst min | ***** | 9.0 Inst max | (12) SU | | | |
| Effluent Gross Value | | | | | | | | | | | |
| Solids, Total Suspended | Sample Measurement | ***** | ***** | **** | ***** | | | | ***** | ***** | ***** |
| 00530 1 0 0 | Permit Requirement | ***** | ***** | **** | ***** | 25 30 day av | 70 5 day av | (19) mg/L | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Settleable Solids | Sample Measurement | ***** | ***** | **** | ***** | ***** | ***** | | ***** | | |
| 00545 R 0 0 | Permit Requirement | ***** | ***** | **** | ***** | ***** | 0.5 Daily max | (25) mL/L | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Iron, Total (as Fe) | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | ***** | ***** | ***** |
| 01045 10 0 | Permit Requirement | ***** | ***** | **** | ***** | ***** | 1.0 Daily max | (19) mg/L | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Solids, Total Dissolved | Sample Measurement | ***** | ***** | **** | ***** | ***** | | | | | |
| 70295 1 0 0 | Permit Requirement | ***** | 2000 Daily max | (26) lbs/day | ***** | ***** | Report Daily max | (19) mg/L | | once/month | Grab |
| Effluent Gross Value | | | | | | | | | | | |
| Oil and Grease, Visual | Sample Measurement | ***** | | **** | ***** | ***** | ***** | **** | | | |
| 84066 1 0 0 | Permit Requirement | ***** | 0 inst max | (94) yes =1 no=0 | ***** | ***** | ***** | **** | | Weekly | Visual |
| Effluent Gross Value | | | | | | | | | | | |

No Discharge

| | | | | |
|--|--|---|-----------|----------|
| Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company Typed or Printed | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .) | Date: 07/07/2003 | Telephone | |
| | |  | 435 | 687-9821 |
| | | Signature of Principal Executive Officer or Authorized Agent | Area Code | Number |

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.